

REMARKS/ARGUMENTS

Applicant responds herein to the Office Action dated September 24, 2007.

Claims 3 and 12 are canceled without prejudice or disclaimer. Therefore, claims 1, 2, 4-11 and 13-15 are the claims currently pending in the present application.

Claims 1 and 4-6 are amended to clarify features recited thereby and to remove redundant recitations. Further, claim 7 is amended so that it depends from claims still pending in the present application.

Applicant thanks the Examiner for acknowledging review and consideration of the references cited in the Information Disclosure Statements filed on February 17, 2004 and May 2, 2006.

Rejection of Claims 1-15 under 35 U.S.C. §102

Claims 1-15 are rejected under 35 U.S.C. §102 as being anticipated by Martin (6,438,746). Reconsideration of this rejection is respectfully requested.

Claim 1 requires exception processing by detecting an occurrence of a refer request to variables arranged on a memory space managed by another processor during running of the executable form program.

Without intending to limit the scope of Applicant's invention, an effect or advantage according to an aspect of applicants' invention as claimed in claim 1, is that after source files are compiled, object files are arranged by a linker 4 into groups for each processor (Specification, page 13; Fig. 6), and when a variable with an address in the memory space managed by another processor is encountered during running of the executable form program, exception processing as recited in claim 1 is performed.

Martin discloses a compiler or a pre-compiler for a distributed object system in which the comment fields in an object-oriented language are used for functional requirements interpreted by a pre-compiler to take into account system data for host computers of the distributed system (Martin, Abstract). Martin discloses that a source program written in a computing language includes first statements that are compilable by other compilers, and second statements on which a compiler or a pre-compiler operates are included; these second statements are ignored by the other compilers during compilation so that the program can be adapted for a multi-processor

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operation (Martin, column 2, lines 14-23). Martin discloses that the second statements to be ignored by the other compilers may be written in comment fields of the source program so that functionality could be incorporated directly into a re-written compiler (Martin, column 2, lines 23-29).

Martin does not disclose or suggest any kind of exception processing during run time of the executable form program, as required by claim 1. As discussed, Martin is directed to selective compilation of a source program written in an object-oriented computing language, such as C++. In point of fact, Martin does not disclose processing an executable form program during run time at all. Claim 1 makes clear that the executable form program is a compiled program.

Further, Martin does not disclose or suggest detecting an occurrence of a refer request to variables arranged on a memory space managed by another processor during running of the executable form program, as further required by claim 1. Accordingly, Martin does not disclose or suggest the recitations of claim 1.

Claims 2, 4-11 and 13-15 depend from claim 1 and are therefore patentably distinguishable over the cited art for at least the same reasons.

In view of the foregoing discussion, withdrawal of the rejection and allowance of the claims of the application are respectfully requested.

Accordingly, the Examiner is respectfully requested to reconsider the application, allow the claims as amended and pass this case to issue.

THIS CORRESPONDENCE IS BEING
SUBMITTED ELECTRONICALLY
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Respectfully submitted,



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